RFC format considerations

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Draft & RFC Workflow

Internet Draft Author/Editor

- Extract text/specs
- Update
- Check in

שו submit

Draft-Edit

- Xml2rfc
- Word
- Nroff-src
- •

Working Group reviewers

- Read document
- Diff versions
- Sendcomments

Draft-Publish

- ID-ASCII
- HTML
- (PDF?)

RFC editor

- Prepare final version
- Send Auth48
- Publish and Distribute

RFC Users

- Read on various devices
- Archive for long-term

RFC pubtool

RFC-Edit

- Xml2rfc
- Nroff-src

RFC-Publish

- RFC-ASCII
- RFC-PDF

Principles

- Each step has separate requirements
- Allow alternate draft-author
- Supply multiple review / use formats
 - Only one is authoritative
 - The more alternatives, the more work insuring consistency
- Different communities have different requirements

Incremental improvements

Enhance tooling to improve quality of currently allowed formats

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e.g.,
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- XML2RFC enhancements for Unicode alternatives
- Reflowable PDF/A with source attachments
- Add additional Draft- and RFC-publish formats
 - Flowable text
 - HTML, ePub
 - XML source
 - PDF/A with XML source / RFC-ascii attachments
- Only after sufficient tooling for automation

Tool enhancements

 ID-Submit time: XML2RFC update to allow alternatives for richer versions

- Publish-RFC time:
 - Publish .html and .html.pdf alternatives
 - Publish .xml source
 - Produce ePub version?